

09/28/00

	10	20	30	40	50	60
1	GAAGATTCCA	TTGTGGGCCT	GSAGGGCCTA	GCAAGGGCGG	ACCGCGAAAC	TGGGACTTTT 50
61	TTCGGAGCGC	CGGGGGCCCTA	CCAGCGTTCA	CAGTCCGCCG	CTCCCACCCT	TCTCACGTCT 120
121	GACGGACTCT	GCTGACAGCC	CTTGCCCTGT	TGGATGAATA	GGCACCTCTG	GAAGAGCCAA 180
181	CTGTGTGAGA	TGGTGCAGCC	CAGTGGTGGC	CCGGCAGCAG	ATCAGGACGT	ACTGGGCGAA 240
241	GAGTCTCCTC	TGGGGAAGCC	AGCCATGCTG	CACCTGCCTT	CAGAACAGGG	CGCTCCTGAG 300
301	ACCCTCCAGC	GCTGCCTGGA	GGAGAATCAA	GAGCTCCGAG	ATGCCATCCG	GCAGAGCAAC 360
361	CAGATTCTGC	GGGAGCGCTG	CGAGGAGCTT	CTGCATTTC	AAGCCAGCCA	GAGGGAGGAG 420
421	AAGGAGTTCC	TCATGTGCAA	GTTCCAGGAG	GCCAGGAAAC	TGGTGGAGAG	ACTCGGCTG 480
481	GAGAAGCTCG	ATCTGAAGAG	GCAGAAGGAG	CAGGCTCTGC	GGGAGGTGGA	GCACCTGAAG 540
541	AGATGCCAGC	AGCAGATGGC	TGAGGACAAG	GCCTCTGTGA	AAGCCCAGGT	GACGTCCTTG 600
601	CTCGGGGAGC	TGCAGGAGAG	CCAGAGTCGC	TTGGAGGCTG	CCACTAAGGA	ATGCCAGGCT 660
661	CTGGAGGGTC	GGGCCCCGGC	GGCCAGCGAG	CAGGCGCGGC	AGCTGGAGAG	TGAGCGCGAG 720
721	GCGCTGCAGC	AGCAGCACAG	CGTGCAGGTG	GACCAGCTGC	GCATGCAGGG	CCAGAGCGTG 780
781	GAGGCCGCGC	TCCGCATGGA	GCGCCAGGCC	GCCTCGGAGG	AGAAGAGGAA	GCTGGCCCG 840
841	TTGCAGGTGG	CCTATCACCA	GCTCTTCCAA	GAATACGACA	ACCACATCAA	GAGCAGCGTG 900
901	GTGGGCAAGT	AGCGGAAGCG	AGGAATGCAG	CTGGAAGATC	TCAAACAGCA	GCTCCAGCAG 960
961	GCCGAGGAGG	CCCTGGTGGC	CAAACAGGAG	GTGATCGATA	AGCTGAAGGA	GGAGGCCGAG 1020
1021	CAGCACAAAG	TTGTGATGGA	GACCGTTCCG	GTGCTGAAGG	CCCAGGCGGA	TATCTACAAG 1080
1081	GCGGACTTCC	AGGCTGAGAG	GCAGGCCCGG	GAGAAGCTGG	CCGAGAAGAA	GGAGCTCCTG 1140
1141	CAGGAGCAGC	TGGAGCAGCT	GCAGAGGGAG	TACAGCAAAC	TGAAGGCCAG	CTGTCAGGAG 1200
1201	TCGGCCAGGA	TCGAGGACAT	GAGGAAGCGG	CATGTCGAGG	TCTCCCAGGC	CCCCTTGCCC 1260
1261	CCCGCCCCCTG	CCTACCTCTC	CTCTCCCCCTG	GCCCTGCCCCA	GCCAGAGGAG	GAGCCCCCCC 1320
1321	GAGGAGCCAC	CTGACTTCTG	CTGTCCCAAG	TGCCAGTATC	AGGCCCTTGA	TATGGACACC 1380
1381	CTGCAGATAC	ATGTATGGA	GTGCATTGAG	TAGGGCCGGC	CAGTGCAAGG	CCACTGCCTG 1440
1441	CCGAGGACGT	GCCCCGGGACC	GTGCAGTCTG	CGCTTTCTCT	TCCCGCCTGC	CTAGCCCAGG 1500
1501	ATGAAGGGCT	GGGTGGCCAC	AACTGGGATG	CCACCTGGAG	CCCCACCCAG	GAGCTGGCCG 1560
1561	CGGCACCTTA	CGCTTCAGCT	GTTGATTCCG	CTGGTCCCCCT	CTTTTGGGGT	AGATGCGGCC 1620
1621	CCGATCAGGC	CTGACTCGCT	GCTCTTTTTG	TTCCCTTCTG	TCTGCTCGAA	CCACTTGCCT 1680
1681	CGGGCTAATC	CCTCCCTCTT	CCTCCACCCG	GCACTGGGGA	AGTCAAGAAT	GGGGCCTGGG 1740
1741	GCTCTCAGGG	AGAAGTGTCT	CCCCTGGCAG	AGCTGGGTGG	CAGCTCTTCC	TCCCACCGGA 1800
1801	CACCGACCCG	CCCGCTGCTG	TGCCCTGGGA	GTGCTGCCCT	CTTACCATGC	ACACGGGTGC 1860
1861	TCTCCTTTTG	GGCTGCATGC	TATTCCATTT	TGCAGCCAGA	CCGATGTGTA	TTTAACCACT 1920
1921	CACTATTGAT	GGACATTTGG	GTTGTTTCCC	ATCTTTTGTG	TACCATMAAT	ARTGGCMTAG 1980
1981	AKAAAAATCC	TTGTGCATTA	AAAAAAAAAA			2009

Fig. 1

	10	20	30	40	50	60
1	TTCTACTCCT	CCCTCCTCCT	CACTGCGGGG	TCTGACCCTA	CTCCTTGTGT	GAGGACTCCT 60
61	CTAGTTCAGA	GACATATTCT	GTTCAACAAA	CTTGACTGCG	CTCTATCGAG	GTCGTAAAT 120
121	TCTTCGGAAA	TGCCTCACAT	ATAGTTTGGC	AGCTAGCCCT	TGCCCTGTTG	GATGAATAGG 180
181	CACCTCTGGA	AGAGCCAAC	GTGTGAGATG	GTGCAGCCCA	GTGGTGGCCC	GGCAGCAGAT 240
241	CAGGACGTAC	TGGGCGAAGA	GTCTCCTCTG	GGGAAGCCAG	CCATGCTGCA	CCTGCCITCA 300
301	GAACAGGGCG	CTCCTGAGAC	CCTCCAGCGC	TGCCTGGGAG	GAGAATCAAG	AGCTCCGAGA 360
361	TGCCATCCGG	CAGTAGCAAC	CAGATTCTTG	CGGGAGCTGC	CGAAGGGAGC	TTTCTGCATT 420
421	TTCCAAGCCA	GCCAGAGGGA	GGAGAAGGAG	TTCTCATGT	GCAAGTTCCA	GGAGGCCAGG 480
481	AAACTGGTGG	AGAGACTCGG	CCTGGAGAAG	CTCGATCTGA	AGAGGCAGAA	GGAGCAGGCT 540
541	CTGCGGGAGG	TGGAGCACCT	GAAGAGATGC	CAGCAGCAGA	TGGCTGAGGA	CAAGGCCTCT 600
601	GTGAAAGCCC	AGGTGACGTC	CTTGCTCGGG	GAGCTGCAGG	AGAGCCAGAG	TGGCTTGGAG 660
661	GCTGCCACTA	AGGAATGCCA	GGCTCTGGAG	GGTCCGGCCC	GGCCGGCCAG	CGAGCAGGCG 720
721	CGGCAGCTGG	AGAGTGAGCG	CGAGGCCTG	CAGCAGCAGC	ACAGCGTGCA	GGTGGACCAG 780
781	CTGCGCATGC	AGGGCCAGAG	CGTGGAGGCC	CGCTCCGCA	TGGAGCGCCA	GGCCGCCTCG 840
841	GAGGAGAAGA	GGAAGCTGGC	CCAGTTGCAG	GTGGCCTATC	ACCAGCTCTT	CCAAGAATAC 900
901	GACAACCACA	TCAAGAGCAG	CGTGGTGGGC	AGTGAGCGGA	AGCGAGGAAT	GCAGCTGGAA 960
961	GATCTCAAAC	AGCAGCTCCA	GCAGGCCGAG	GAGGCCCTGG	TGGCCAAACA	GGAGGTGATC 1020
1021	GATAAGCTGA	AGGAGGAGGC	CGAGCAGCAC	AAGATTGTGA	TGGAGATCGT	TCCGGTGTCTG 1080
1081	AAGGCCCAGG	CGGATATCTA	CAAGGCCGAC	TTCCAGGCTG	AGAGGCAGGC	CCGGGAGAAG 1140
1141	CTGGCCGAGA	AGAAGGAGCT	CCTGCAGGAG	CAGCTGGAGC	AGCTGCAGAG	GGAGTACAGC 1200
1201	AAACTGAAGG	CCAGCTGTCA	GGAGTCGGCC	AGGATCGAGG	ACATGAGGAA	GCGGCATGTC 1260
1261	GAGGTCTCCC	AGGCCCCCTT	GCCCCCCGCC	CCTGCCCTACC	TCTCCTCTCC	CCTGGCCCTG 1320
1321	CCCAGCCAGA	GGAGGAGCCC	CCCCGAGGAG	CCACCTGACT	TCTGCTGTCC	CAAGTGCCAG 1380
1381	TATCAGGCCC	CTGATATGGA	CACCCTGCAG	ATACATGTCA	TGGAGTGCAT	TGAGTAGGGC 1440
1441	CGGCCAGTGC	AAGGCCACTG	CCTGCCGAGG	ACGTGCCCGG	GACCGTGAGC	TCTGCGCTTT 1500
1501	CCTCTCCCGC	CTGCCTAGCC	CAGGATGAAG	GGCTGGGTGG	CCACAACCTG	GATGCCACCT 1560
1561	GGAGCCCCAC	CCAGGAGCTG	GCCGCGGCAC	CTTACGCTTC	AGCTGTTGAT	TCCGCTGGTC 1620
1621	CCCTCTTTTG	GGGTAGATGC	GGCCCCGATC	AGGCCTGACT	CGCTGCTCTT	TTTGTTCCTT 1680
1681	TCTGTCTGCT	CGAACCACTT	GCCTCGGGCT	AATCCCTCCC	TCTTCCTCCA	CCCCGCACTG 1740
1741	GGGAAGTCAA	GAATGGGGCC	TGGGGCTCTC	AGGGAGAACT	GCTTCCCCTG	GCAGAGCTGG 1800
1801	GTGGCAGCTC	TTCCTCCAC	CGGACACCGA	CCCCCCCCGT	GCTGTGCCCT	GGGAGTGCTG 1860
1861	CCCTCTTACC	ATGCACACGG	GTGCTCTCCT	TTTGGGCTGC	ATGCTATTCC	ATTTTGCAGC 1920
1921	CAGACCGATG	TGTATTTAAC	CAGTCACTAT	TGATGGACAT	TTGGGTGTGT	TCCCATCTTT 1980
1981	TTGTTACCAT	MAATARTGGC	MTAGAKAAAA	ATCCTTGTGC	ATTAAAAAAA	AAAA 2034

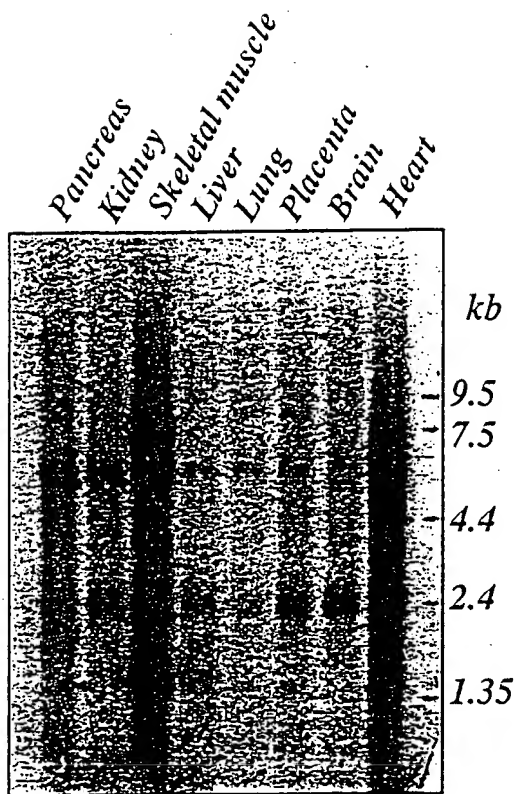
Fig. 2

**A**

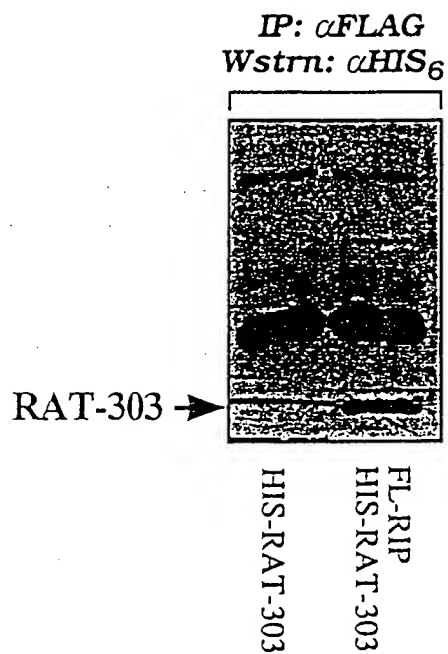


10

A



B



C

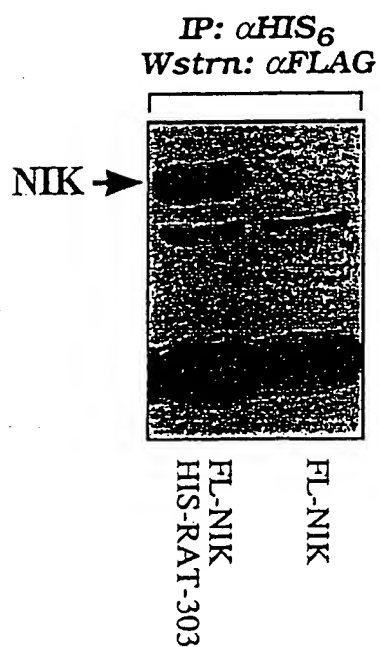


Fig. 4

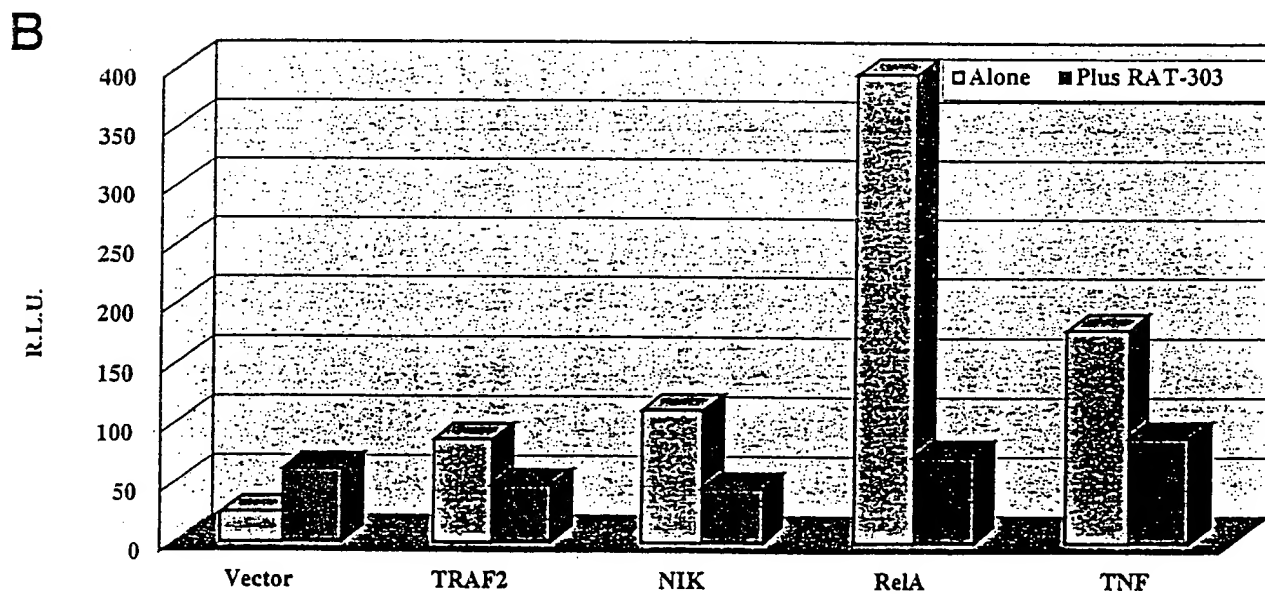
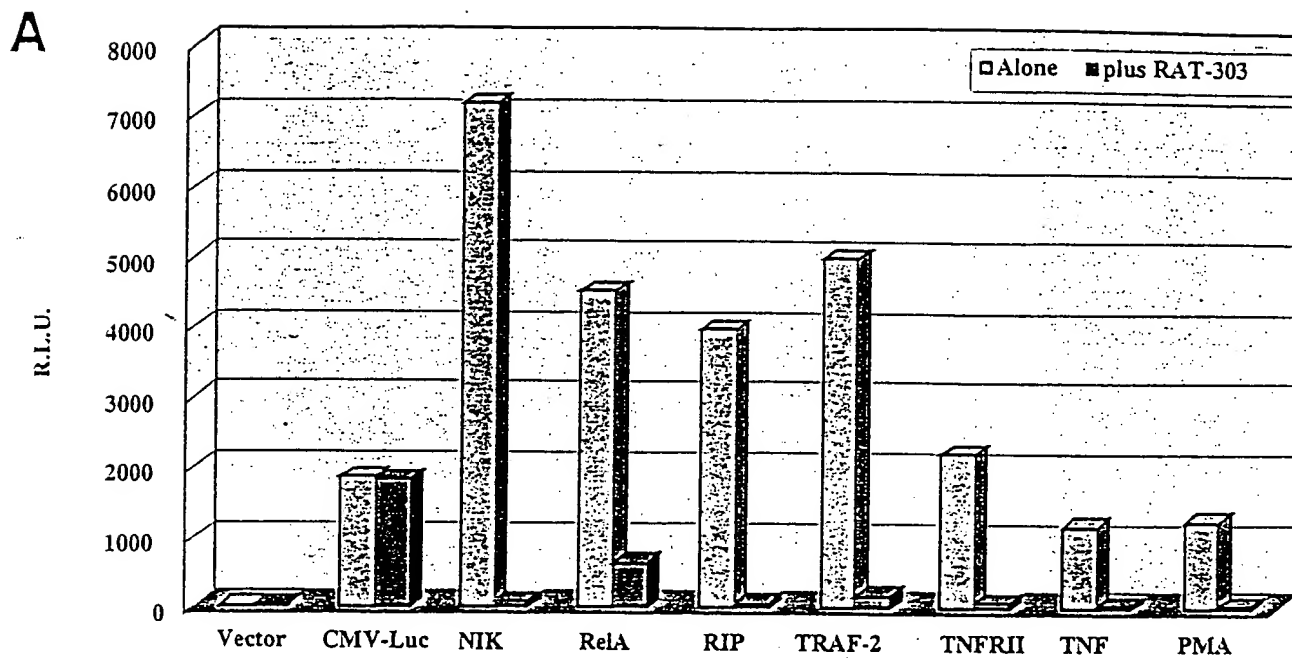
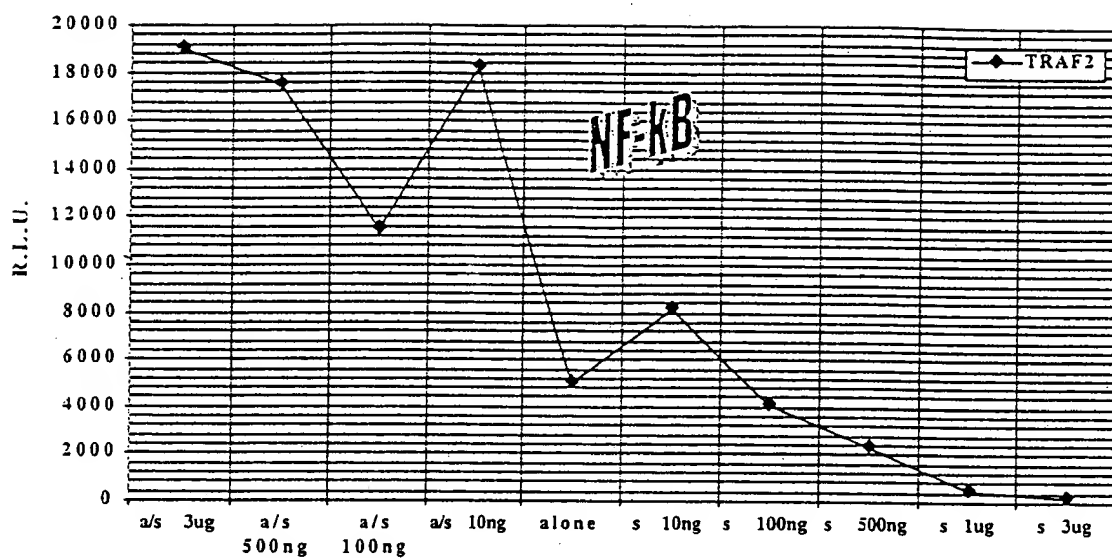


Fig. 5

A



B

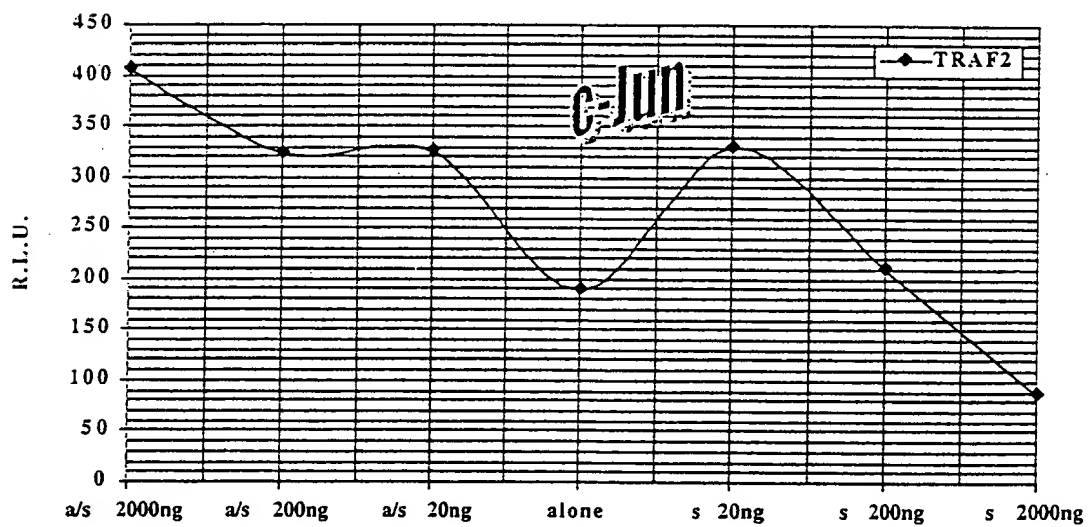
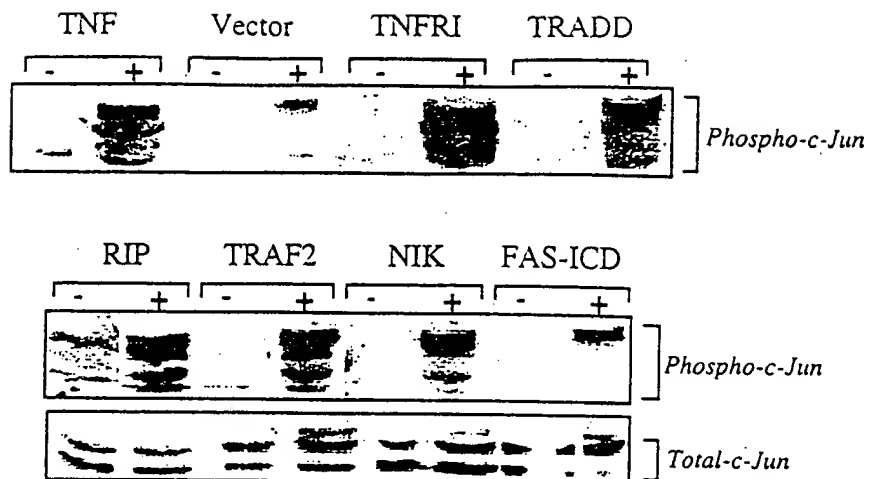
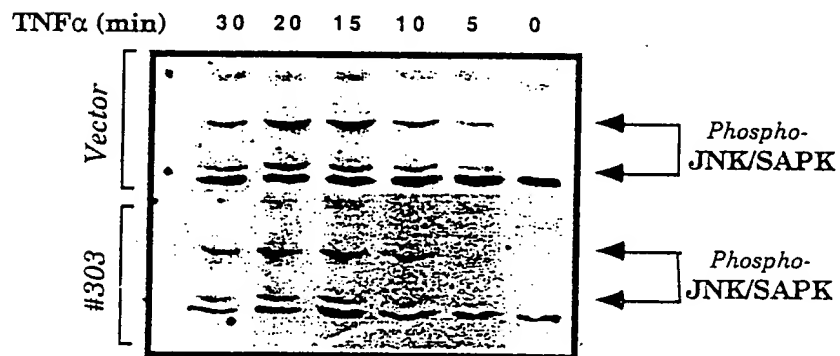


Fig. 6

A



B



C

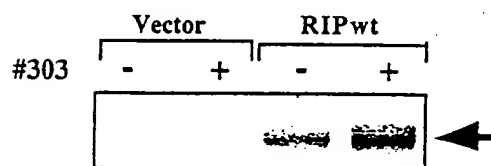
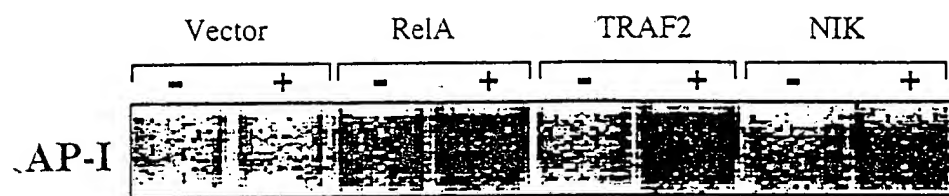


Fig. 7

A



B

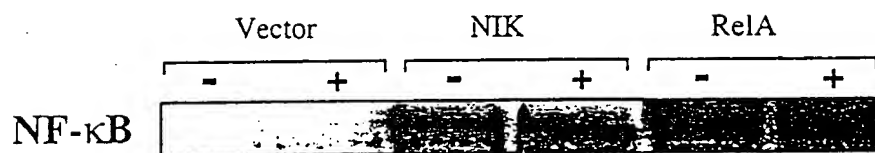
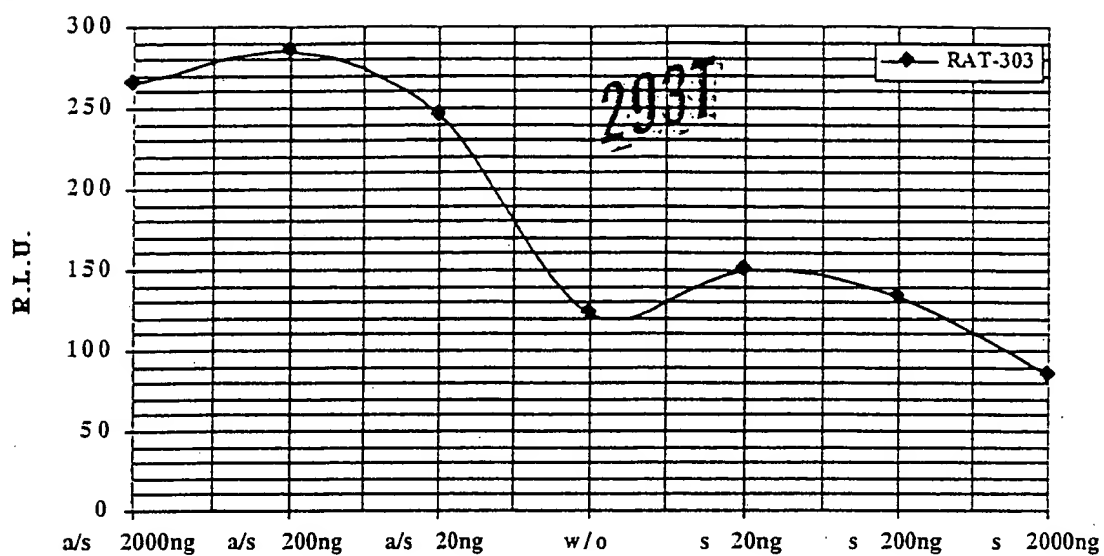


Fig. 8



A



B

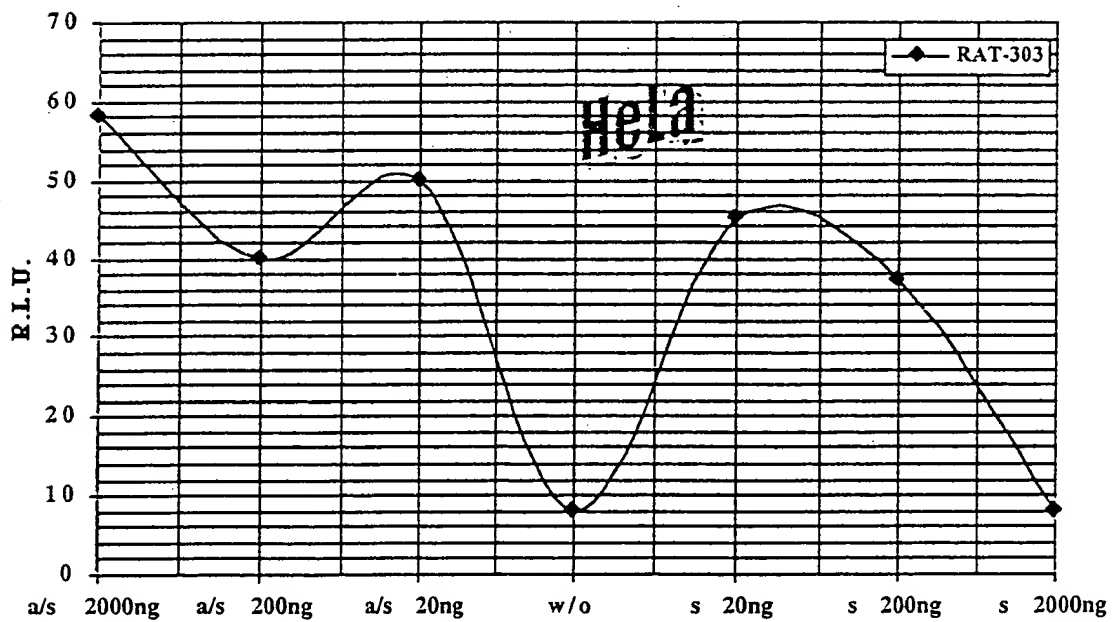
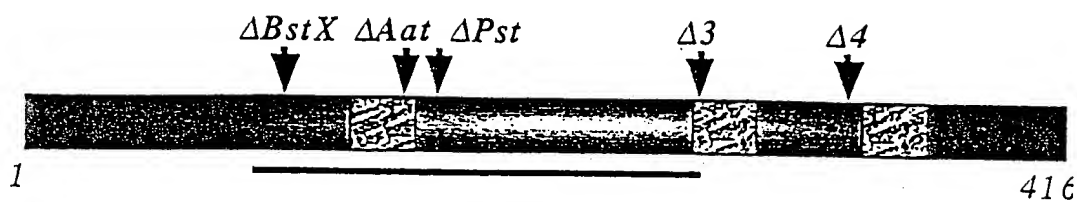


Fig. 9

A

## RAT-303



B

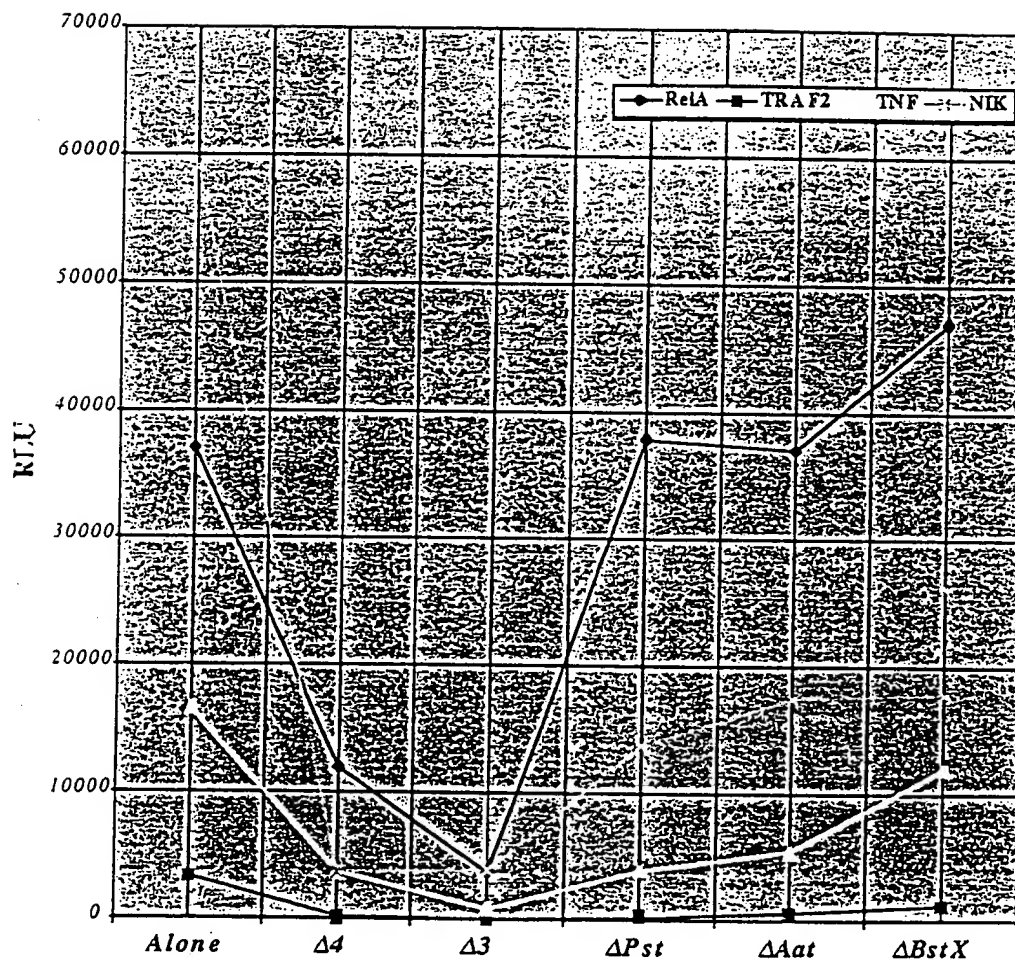
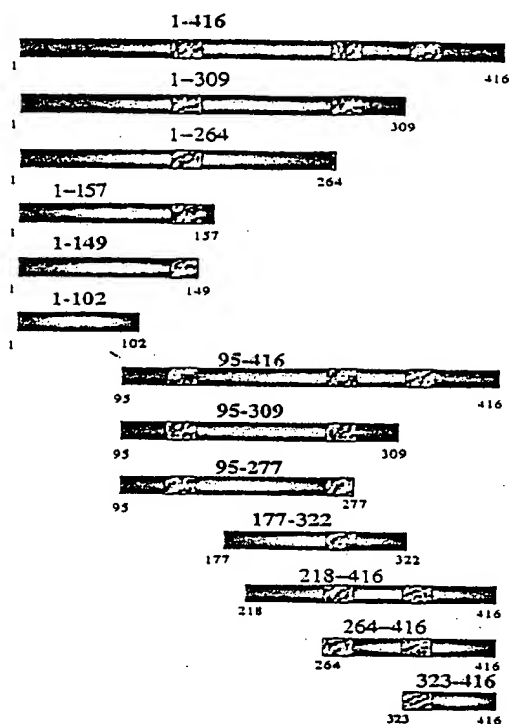


Fig. 11

A



RIP	NIK	IKK $\beta$	TIP60	cl.10	RAT-303	NF- $\kappa$ B	c-Jun
+	+	-	+	+	+	+	+
+						+	+
+	+	+	+		+	+	+
						+	*
						+	*
						+	*
+	+	-	+	+	+	+	+
+	+	-	-	-	-	x	x
+	+	-	+		+	x	
	+					x	x
-	-	-	-	+	+		
	-					x	x
	-					x	x

B

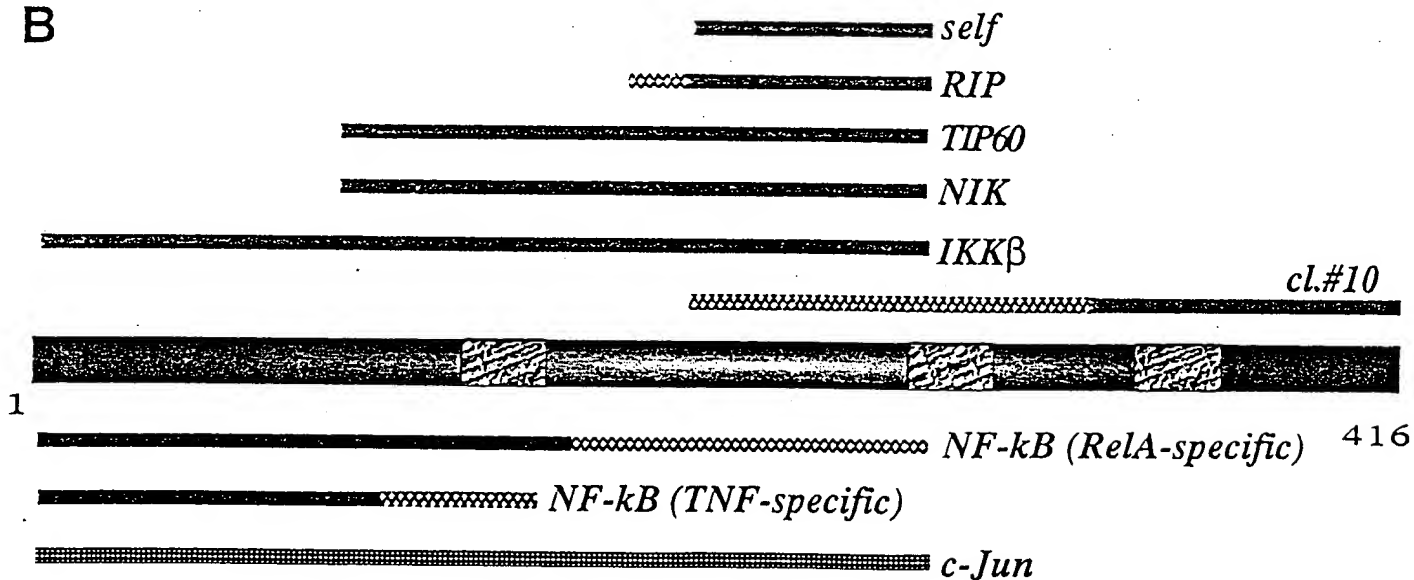


Fig. 12